

K 082493

510(K) Summary of Safety and Effectiveness

As required by 807.92

1. DEVICE ESTABLISHMENT AND CONTACT PERSON

OCT 23 2008

Mr. Shuichi Kino
General Manager
NEC Display Solutions Ltd.
686-1 Nishioi, Oi-Machi
Ashigarakami-Gun, Kanagawa
Japan 258-8533
Ph: +81-465-85-2376

FDA 10/23/08

2. COMPANY REISTRATION NUMBER

AUG 29 2008

3003623028

Revised

3. DATE SUMMARY PREPARED

01 July 2008

4. DEVICE NAME

Trade Name: Medical Display, MD205MG-1
Common Name: Monochrome LCD Monitor, Monochrome Diagnostic Display, etc.
Classification Name: System, Image Processing, Radiological (CLASS II CFR 892.2050)

4. PREDICATE DEVICE

MDM2010-5NC 20.1" 5MP Monochrome LCD Monitor by CHILIN Technology Co., Ltd.
(K063269).

5. DEVICE DESCRIPTION

Medical Display, MD205MG-1 is a 20.1" monochrome LCD monitor that displays image for medical use. It provides 5 mega pixel (2560*2048) resolution with adjustable gamma gray scale for more precise diagnose use in CT, MRI, HIS, and PACS.

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6. DEVICE OF INTEND USE

The MD205MG-1 grayscale display is intended to be used for displaying and viewing of digital image diagnosis including digital mammography system by trained physicians.

To guarantee the display performance as specified, it must only be used for in conjunction with NEC approved display cards.

The MD205MG-1 cannot be used for a life-support system.

This unit is designed for exclusive interconnection with IEC60601-1 certified equipment.

7. CONCLUSION

Medical Display, MD205MG-1 has the same intended use as the predicate device MDM2010-5NC. Though the brand name and model name are different, MD205MG-1 is a modified device from MDM2010-5NC. The only differences are panel, luminance and scanning frequency. The modified device is sent to test against standards: UL60601-1, EN60601-1-2, PAS-1054, DIN6868-57 and ISO13406-2 and based on the Risk Analysis we know that they do not effect the device efficiency nor raise any safety issue. The device does not contact with the patient nor does it control any life-sustaining device. Therefore we concluded that it is substantially equivalent to MDM2010-5NC by CHILIN Technology Co., Ltd. (K063269).



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

OCT 23 2008

NEC Display Solutions Ltd.
% Mr. Morten Simon Christensen
Staff Engineer & FDA Accredited Person
Program Coordinator, Program Reviewer
Underwriters Laboratories, Inc.
455 E. Trimble Road
SAN JOSE CA 95131-1230

Re: K082493

Trade/Device Name: Medical Display, MD205MG-1
Regulation Number: 21 CFR 892.2050
Regulation Name: Picture archiving and communications system
Regulatory Class: II
Product Code: LLZ
Dated: October 8, 2008
Received: October 14, 2008

Dear Mr. Christensen:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at one of the following numbers, based on the regulation number at the top of this letter:

21 CFR 876.xxx	(Gastroenterology/Renal/Urology)	240-276-0115
21 CFR 884.xxx	(Obstetrics/Gynecology)	240-276-0115
21 CFR 894.xxx	(Radiology)	240-276-0120
Other		240-276-0100

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding postmarket surveillance, please contact CDRH's Office of Surveillance and Biometrics' (OSB's) Division of Postmarket Surveillance at 240-276-3474. For questions regarding the reporting of device adverse events (Medical Device Reporting (MDR)), please contact the Division of Surveillance Systems at 240-276-3464. You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (240) 276-3150 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,



Joyce M. Whang, Ph.D.
Acting Director, Division of Reproductive,
Abdominal, and Radiological Devices
Office of Device Evaluation
Center for Devices and Radiological Health

Enclosure

Indications for Use

510(K) Number (if known): K082493

Device Name: Medical Display, MD205MG-1

Indications for use: The MD205MG-1 grayscale display is intended to be used for displaying and viewing of digital image diagnosis including digital mammography by trained physicians.

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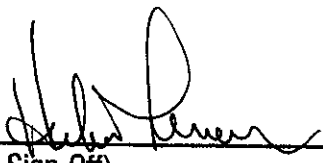
This unit is designed for exclusive interconnection with IEC60601-1 certified equipment.

Prescription Use ✓
(Part 21 CFR 801 Subpart D)

AND/OR Over-The-Counter Use _____
(21 CFR 801 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)



(Division Sign-Off)
Division of Reproductive, Abdominal and
Radiological Devices
510(k) Number K082493